

CLAIMS

What is claimed is:

1. A foldable headphone unit, comprising:
 - a top-member;
 - a first extendable sidepiece coupled to said top member;
 - a second extendable sidepiece coupled to said top member;
 - a first earpiece coupled to said first extendable sidepiece, said first earpiece comprising at least one open portion; and
 - a second earpiece coupled to said second extendable sidepiece, said second earpiece comprising at least one open portion,wherein said first and second extendable sidepieces may be extended, thereby allowing said first and second earpieces to pivot, resulting in said open portions of said first and second earpieces being directly opposed, and allowing said first and second earpieces and said first and second extendable sidepieces to fold upward toward said top member.
2. The foldable headphone unit of claim 1, further comprising a padding material coupled to an underside of said top member, said padding material substantially covering said underside.
3. The foldable headphone unit of claim 2, wherein said padding material has a thickness sufficient to provide clearance between a first coupling means that couples said first extendable sidepiece to said top member and said head of said user, and a second coupling

means that couples said second extendable sidepiece to said top member and said head of said user.

4. The foldable headphone unit of claim 1,
wherein said first extendable sidepiece comprises a first upper-side member, a first extension band, first lower-side member, and a first yoke assembly, and
wherein said second extendable sidepiece comprises a second upper-side member, a second extension band, a second lower-side member, and a second yoke assembly.

5. The foldable headphone unit of claim 4,
wherein a first end of said first extension band is fixedly coupled to said first upper-side member,
wherein a second end of said first extension band is slideably coupled to said first lower-side member, said first lower-side member being longer than said first upper-side member, whereby said first lower-side member may be extended and retracted along said first extension band,
wherein a first end of said second extension band is fixedly coupled to said second upper-side member, and
wherein a second end of said second extension band is slideably coupled to said second lower-side member, said second lower-side member being longer than said second upper-side member, whereby said second lower-side member may be extended and retracted along said second extension band.

6. A foldable headphone unit of claim 4,

wherein a first end of said first extension band is slideably coupled to said first upper-side member, said first upper-side member being longer than said first lower-side member, whereby said first upper-side member may be extended and retracted along said first extension band,

wherein a second end of said first extension band is fixedly coupled to said first lower-side member,

wherein a first end of said second extension band is slideably coupled to said second upper-side member, said second upper-side member being longer than said second lower-side member, whereby said second upper-side member may be extended and retracted along said second extension band, and

wherein a second end of said second extension band is fixedly coupled to said second lower-side member.

7. The collapsible headphone according to claim 4,

wherein said first yoke assembly has a first end rotatably coupled to a second end of said first lower-side member; and

wherein said second yoke assembly has a first end rotatably coupled to a second end of said second lower-side member,

whereby said first and second yoke assemblies may be rotated axially with respect to said first and second lower-side members.

8. The collapsible headphone unit of claim 7, wherein said first yoke assembly further comprises a second end having a forked shape with a dimension sufficient to

accommodate coupling to said first earpiece, allowing said earpiece to pivot within dimension of said forked shape, and wherein said second yoke assembly further comprises a second end having a forked shape with a dimension sufficient to accommodate coupling to said second earpiece, allowing said second earpiece to pivot within dimension of said forked shape.

9. A method of folding a headphone unit, wherein said headphone unit comprises a top member, a first extendable sidepiece, a second extendable sidepiece, a first yoke assembly, a second yoke assembly, a first earpiece comprising at least one open portion, and a second earpiece comprising at least one open portion, said method comprising the steps of:

extending said first and second sidepieces;

rotating said first yoke assembly towards an inner portion of said first sidepiece;

rotating said second yoke assembly towards an inner portion of said second sidepiece;

and

pivoting said first and second earpieces, resulting in opposed positioning of said open portions of said earpieces.

10. The method of claim 9, further comprising the step of retracting said first and second sidepieces towards said top member.

11. The method of claim 9, wherein said first extendable sidepiece further comprises a first upper-side member, a first extension band, and a first lower-side member, and

wherein said second extendable sidepiece further comprises a second upper-side member, a second extension band, and a second lower-side member.

12. The method of claim 11, wherein said step of extending said first and second sidepieces further comprises the steps of:

extending said first upper-side member along said first extension band; and
extending said second upper-side member along said second extension band.

13. The method of claim 11, further comprising the step of retracting said first and second upper-side members towards said top member.

14. The method of claim 11, wherein said step of extending said first and second sidepieces further comprises the steps of:

extending said first lower-side member along said first extension band; and
extending said second lower-side member along said second extension band.

15. The method of claim 14, further comprising the step of retracting said first and second side members toward said top member.

16. A headphone unit, comprising:

a top-member;

a first upper-side member connected to a first portion of said top-member via a first means for connecting;

a second upper-side member connected to a second portion of said top-member via a second means for connecting;

a first lower-side member slidably connected to said first upper-side member via a third means for connecting;

a second lower-side member slidably connected to said second upper-side member via a fourth means for connecting;

a first yoke assembly rotatably coupled to said first lower-side member via a fifth means for connecting, wherein said first yoke assembly may be rotated axially with respect to said first lower-side member; and

a second yoke assembly rotatably coupled to said second lower-side member via a sixth means for connecting, wherein said second yoke assembly may be rotated axially with respect to said second lower-side member;

wherein a portion of said first yoke assembly has a forked shape having a dimension sufficient to accommodate coupling to a first earpiece, allowing said first earpiece to pivot within dimension of said forked shape, and

wherein a portion of said second yoke assembly has a forked shape having a dimension sufficient to accommodate coupling to a second earpiece, allowing said second earpiece to pivot within dimension of said forked shape.